

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------|---|------------------|---------|------------------|
| S1    | 0    | "8023321"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:14 |
| S2    | 0    | "8?023321"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:14 |
| S3    | 0    | 8-023321       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:14 |
| S4    | 28   | "023321"       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:15 |
| S5    | 2    | "2002217927"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:19 |
| S6    | 0    | "8023321"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:16 |
| S7    | 0    | "7177115"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:16 |
| S8    | 0    | "7 adj 177115" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/08 16:16 |

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|     |   |              |   |    |    |                  |
|-----|---|--------------|---|----|----|------------------|
| S9  | 0 | "7?177115"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:16 |
| S10 | 3 | "11313096"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:17 |
| S11 | 3 | "10290249"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:18 |
| S12 | 1 | "8316978"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:18 |
| S13 | 2 | "2001339416" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:19 |
| S14 | 2 | "2000134246" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:19 |
| S15 | 0 | "9018506"    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:20 |
| S16 | 2 | "200118659"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:20 |

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|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S17 | 0   | "7264228"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:21 |
| S18 | 4   | "2003070309"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:23 |
| S19 | 70  | "398"/\$7.ccls. and bidirectional<br>near4 line near4 switch\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:40 |
| S20 | 63  | S19 and ring  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:37 |
| S21 | 64  | S19 and (loop\$3 or ring\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:37 |
| S22 | 40  | S21 and (node near5 (id or<br>identif\$7) or priorit\$8 or<br>low\$3?order\$3 or high\$3?order\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:41 |
| S23 | 129 | "398"/\$7.ccls. and (bidirectional<br>near4 line near4 switch\$3 or BLSR)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:42 |
| S24 | 44  | S21 and (node near5 (id or<br>identif\$7) or priorit\$8 or<br>low\$3?order\$3 or high\$3?order\$3 or<br>high\$3 near2 order\$3 or low\$3<br>near2 order\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:41 |

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|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S25 | 70 | "398"/\$7.ccls. and (bidirectional near4 line near4 switch\$3 or BLSR) and (priorit\$8 or low\$3?order\$3 or high\$3?order\$3 or high\$3 near2 order\$3 or low\$3 near2 order\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:42 |
| S26 | 16 | S25 and (node or nodal) near7 (id or identifying or identification or identif%7)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:42 |
| S27 | 24 | S25 and (node or nodal) near7 (id or identifying or identification or identif\$7)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:43 |
| S28 | 25 | S25 and ((node or nodal) near7 (id or identifying or identification or identif\$7 or tagged or label or labeled or tag\$5 or label\$5))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:53 |
| S29 | 32 | v3 adj byte   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 11:23 |
| S30 | 57 | (v3 adj byte or v3?byt\$3 or v?3 near2 byt\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 11:24 |
| S31 | 6  | ("5442620"   "5537393"   "5757768"   "6317426"   "6452931"   "6456587").PN. OR ("7042836").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/12/09 11:31 |
| S32 | 40 | ("4835763"   "4965790"   "5003531"   "5278824"   "5365510"   "5406401"   "5412652").PN. OR ("5537393").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/12/09 11:47 |

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|     |    |   |                                 |    |    |                  |
|-----|----|---|---------------------------------|----|----|------------------|
| S33 | 38 | (US-20030169470-\$ or<br>US-20030063343-\$ or<br>US-20030058789-\$ or<br>US-20030012218-\$ or<br>US-20020186719-\$ or<br>US-20020065073-\$ or<br>US-20010046207-\$).did. or<br>(US-7113698-\$ or US-7072580-\$ or<br>US-6952395-\$ or US-6895182-\$ or<br>US-6848006-\$ or US-6839514-\$ or<br>US-6751189-\$ or US-6665567-\$ or<br>US-6616350-\$ or US-6553034-\$ or<br>US-6473397-\$ or US-6301254-\$ or<br>US-6456587-\$ or US-6452931-\$ or<br>US-6317426-\$ or US-5757768-\$ or<br>US-5537393-\$ or US-5442620-\$ or<br>US-7082137-\$ or US-7016300-\$ or<br>US-6973028-\$ or US-6957271-\$ or<br>US-6934248-\$ or US-6895018-\$ or<br>US-6452906-\$ or US-6222848-\$).<br>did. or (US-6205562-\$).did. or<br>(JP-2002217927-\$ or JP-11313096-\$<br>or US-20010046207-\$ or<br>JP-2000134246-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT  | OR | ON | 2006/12/09 11:47 |
| S34 | 62 | S31 or S32 or S33   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/12/09 11:47 |
| S35 | 4  | S34 and v3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/12/09 11:47 |
| S36 | 18 | ("5278824"   "5341364"   "5394389"<br>  "5408610"   "5412652"  <br>"5440540"   "5442620"   "5537393"<br>  "5566178"   "5793745"  <br>"5815489").PN. OR ("6456587").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2006/12/09 11:49 |
| S37 | 26 | ("4339633"   "4631641"   "4926416"<br>  "5365524"   "5398236"  <br>"5412652"   "5467348"   "5519700"<br>  "5838924"   "5920412"  <br>"5963553"   "6134238").PN. OR<br>("6317426").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2006/12/09 11:50 |
| S38 | 40 | ("4835763"   "4965790"   "5003531"<br>  "5278824"   "5365510"  <br>"5406401"   "5412652").PN. OR<br>("5537393").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2006/12/09 11:52 |
| S39 | 1  | "5455832".pn.   | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2006/12/09 12:07 |

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|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S40 | 51  | ("5130980"   "5132991"   "5251204"   "5301050"   "5365510"   "5369653").PN. OR ("5455832").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:14 |
| S41 | 0   | "635439".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:09 |
| S42 | 3   | "5712862"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:10 |
| S43 | 1   | "7042836"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:11 |
| S44 | 1   | "5189410".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:11 |
| S45 | 37  | ("4964095"   "4967405"   "4998242"   "5001708"   "5033044").PN. OR ("5189410").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:12 |
| S46 | 8   | "6671271"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:12 |
| S47 | 17  | ("5103447"   "5341376"   "5359600"   "5428609"   "5555243"   "6058119"   "6256292"   "6275472"   "6317439"   "6359859").PN. OR ("6671271").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:14 |
| S48 | 163 | S47 or S45 or S40 or S34   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 12:15 |
| S49 | 4   | S48 and (virtual near2 tributary or vt adj superframe or vt adj super near2 frame or vt near2 super?fram\$3 or tributary near3 overhead or v3 or h3 or payload near2 pointer) near7 (id or identifying or identification or identif\$7 or tagged or label or labeled or tag\$5 or label\$5)              | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:47 |
| S50 | 51  | (virtual near2 tributary or vt adj superframe or vt adj super near2 frame or vt near2 super?fram\$3 or tributary near3 overhead or v3 or h3 or payload near2 pointer) same (node or nodal) near7 (id or identifying or identification or identif\$7 or tagged or label or labeled or tag\$5 or label\$5) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 15:43 |

## EAST Search History

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S51 | 0   | "51894105"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 15:43 |
| S52 | 1   | "5189410".pn.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 15:44 |
| S53 | 37  | ("4964095"   "4967405"   "4998242"<br>  "5001708"   "5033044").PN. OR<br>("5189410").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 15:44 |
| S54 | 4   | S53 and v3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:29 |
| S55 | 0   | 340/825.140  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:30 |
| S56 | 0   | 340/825.140.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:30 |
| S57 | 311 | 340/825.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:30 |
| S58 | 877 | "340"/\$7.ccls. and v3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:31 |
| S59 | 53  | "340"/\$7.ccls. and v3 with (id or<br>identifying or identification or<br>identif\$7 or tagged or label or<br>labeled or tag\$5 or label\$5) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:33 |
| S60 | 2   | "340"/\$7.ccls. and v3 and sonet   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:33 |
| S61 | 105 | v3 and sonet   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 16:33 |
| S62 | 9   | v3 with (id or identifying or<br>identification or identif\$7 or tagged<br>or label or labeled or tag\$5 or<br>label\$5) and sonet           | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:16 |
| S63 | 1   | "20040179836"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:36 |
| S64 | 1   | "7042836"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:39 |
| S65 | 1   | "20020009091"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:42 |

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|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S66 | 16  | "635439"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:42 |
| S67 | 37  | ("4964095"   "4967405"   "4998242"<br>  "5001708"   "5033044").PN. OR<br>("5189410").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:42 |
| S68 | 13  | S67 and (blsr or ring)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:43 |
| S69 | 1   | blsr and v3 near6 node near6 (id or<br>identifying or identification or<br>identif\$7 or tagged or label or<br>labeled or tag\$5 or label\$5) | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:44 |
| S70 | 2   | blsr and v3 with (id or identifying or<br>identification or identif\$7 or tagged<br>or label or labeled or tag\$5 or<br>label\$5)             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:45 |
| S71 | 5   | blsr and v3   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:47 |
| S72 | 909 | v3 near7 (id or identifying or<br>identification or identif\$7 or tagged<br>or label or labeled or tag\$5 or<br>label\$5)                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:47 |
| S73 | 1   | S72 and blsr  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:48 |
| S74 | 182 | S72 and ring  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:48 |
| S75 | 9   | S72 and fujitsu   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 17:49 |
| S76 | 6   | S75 and (ring\$3 or loop\$3 or lsr)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 20:24 |
| S77 | 1   | "5537393".pn.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/12/09 20:25 |